

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/591,990
Source: IFWP
Date Processed by STIC: 9/18/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/591,990

CRF Edit Date: 9/18/06
Edited by: AR

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

— Corrected the SEQ ID NO. Sequence numbers edited were:

— Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

— Deleted: invalid beginning/end-of-file text ; page numbers

— Inserted mandatory headings/numeric identifiers, specifically:

— Moved responses to same line as heading/numeric identifier, specifically:

— Other:



IFWP

RAW SEQUENCE LISTING DATE: 09/18/2006
 PATENT APPLICATION: US/10/591,990 TIME: 16:48:00

Input Set : A:\PTO.AMC.txt
 Output Set: N:\CRF4\09182006\J591990.raw

3 <110> APPLICANT: Japan Science and Technology Agency
 5 <120> TITLE OF INVENTION: Probes for Detecting Protein Nuclear Transport and Method
 for Detecting
 6 and Quantifying Protein Nuclear Transport using the Same
 8 <130> FILE REFERENCE: 04F057PCT
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/591,990
 C--> 10 <141> CURRENT FILING DATE: 2006-09-07
 10 <150> PRIOR APPLICATION NUMBER: JP 2004-066424
 11 <151> PRIOR FILING DATE: 2004-03-09
 13 <160> NUMBER OF SEQ ID NOS: 9
 15 <170> SOFTWARE: PatentIn version 3.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 24
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Simian virus 40
 22 <400> SEQUENCE: 1
 24 Asp Pro Lys Lys Lys Arg Lys Val Asp Pro Lys Lys Lys Arg Lys Val
 25 1 5 10 15
 28 Asp Pro Lys Lys Lys Arg Lys Val
 29 20
 32 <210> SEQ ID NO: 2
 33 <211> LENGTH: 16
 34 <212> TYPE: PRT
 35 <213> ORGANISM: Xenopus laevis
 37 <400> SEQUENCE: 2
 39 Lys Arg Pro Ala Ala Ile Lys Lys Ala Gly Gln Ala Lys Lys Lys
 40 1 5 10 15
 43 <210> SEQ ID NO: 3
 44 <211> LENGTH: 15
 45 <212> TYPE: PRT
 46 <213> ORGANISM: Human immunodeficiency virus type 1
 48 <400> SEQUENCE: 3
 50 Arg Gln Ala Arg Arg Asn Arg Arg Asn Arg Arg Arg Gln Arg
 51 1 5 10 15
 54 <210> SEQ ID NO: 4
 55 <211> LENGTH: 6
 56 <212> TYPE: PRT
 57 <213> ORGANISM: Artificial
 59 <220> FEATURE:
 60 <223> OTHER INFORMATION: synthesized oligopeptide
 62 <400> SEQUENCE: 4
 64 Lys Phe Ala Glu Tyr Cys
 65 1 5
 68 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/591,990

DATE: 09/18/2006

TIME: 16:48:00

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09182006\J591990.raw

69 <211> LENGTH: 8
70 <212> TYPE: PRT
71 <213> ORGANISM: Artificial
73 <220> FEATURE:
74 <223> OTHER INFORMATION: synthesized oligopeptide
76 <400> SEQUENCE: 5
78 Asp Tyr Lys Asp Asp Asp Lys...
79 1 5
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 5
84 <212> TYPE: PRT
85 <213> ORGANISM: Artificial
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Synthesized oligopeptide
90 <400> SEQUENCE: 6
92 Phe Asn Leu Ser His
93 1 5
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 6
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial
101 <220> FEATURE:
102 <223> OTHER INFORMATION: synthesized oligopeptide
104 <400> SEQUENCE: 7
106 Gly Gly Gly Ser Gly
107 1 5
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 5
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial
115 <220> FEATURE:
116 <223> OTHER INFORMATION: synthesized oligopeptide
118 <400> SEQUENCE: 8
120 Lys Phe Ala Glu Tyr
121 1 5
124 <210> SEQ ID NO: 9
125 <211> LENGTH: 6
126 <212> TYPE: PRT
127 <213> ORGANISM: Artificial
129 <220> FEATURE:
130 <223> OTHER INFORMATION: synthesized oligopeptide
132 <400> SEQUENCE: 9
134 Cys Phe Asn Leu Ser His
135 1 5

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/18/2006
PATENT APPLICATION: US/10/591,990 TIME: 16:48:01

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\09182006\J591990.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:4,5,6,7,8,9

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/591,990

DATE: 09/18/2006

TIME: 16:48:01

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\09182006\J591990.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing (for reference only)



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/591,990

DATE: 09/15/2006
TIME: 09:09:45

Input Set : A:\PTO.RJ.txt
Output Set: N:\CRF4\09152006\J591990.raw

3 <110> APPLICANT: Japan Science and Technology Agency
 5 <120> TITLE OF INVENTION: Probes for Detecting Protein Nuclear Transport and Method
 for Detecting
 6 and Quantifying Protein Nuclear Transport using the Same
 8 <130> FILE REFERENCE: 04F057PCT
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/591,990
 C--> 10 <141> CURRENT FILING DATE: 2006-09-07
 10 <150> PRIOR APPLICATION NUMBER: JP 2004-066424
 11 <151> PRIOR FILING DATE: 2004-03-09
 13 <160> NUMBER OF SEQ ID NOS: 9
 15 <170> SOFTWARE: PatentIn version 3.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 24
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Simian virus 40
 22 <400> SEQUENCE: 1
 24 Asp Pro Lys Lys Lys Arg Lys Val Asp Pro Lys Lys Lys Arg Lys Val
 25 1 5 10 15
 28 Asp Pro Lys Lys Lys Arg Lys Val
 29 20
 32 <210> SEQ ID NO: 2
 33 <211> LENGTH: 16
 34 <212> TYPE: PRT
 35 <213> ORGANISM: Xenopus laevis
 37 <400> SEQUENCE: 2
 39 Lys Arg Pro Ala Ala Ile Lys Lys Ala Gly Gln Ala Lys Lys Lys Lys
 40 1 5 10 15
 43 <210> SEQ ID NO: 3
 44 <211> LENGTH: 15
 45 <212> TYPE: PRT
 46 <213> ORGANISM: Human immunodeficiency virus type 1
 48 <400> SEQUENCE: 3
 50 Arg Gln Ala Arg Arg Asn Arg Arg Asn Arg Arg Arg Gln Arg
 51 1 5 10 15
 54 <210> SEQ ID NO: 4
 55 <211> LENGTH: 6
 56 <212> TYPE: PRT
 57 <213> ORGANISM: Artificial
 59 <220> FEATURE:
 60 <223> OTHER INFORMATION: synthesized oligopeptide
 62 <400> SEQUENCE: 4
 64 Lys Phe Ala Glu Tyr Cys
 65 1 5
 68 <210> SEQ ID NO: 5

P:2
*Does Not Comply
 Corrected Diskette Needed*

RAW SEQUENCE LISTING DATE: 09/15/2006
PATENT APPLICATION: US/10/591,990 TIME: 09:09:45

Input Set : A:\PTO.RJ.txt
Output Set: N:\CRF4\09152006\J591990.raw

69 <211> LENGTH: 8
70 <212> TYPE: PRT
71 <213> ORGANISM: Artificial
73 <220> FEATURE:
74 <223> OTHER INFORMATION: synthesized oligopeptide
76 <400> SEQUENCE: 5
78 Asp Tyr Lys Asp Asp Asp Lys
79 1 5
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 5
84 <212> TYPE: PRT
85 <213> ORGANISM: Artificial
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Synthesized oligopeptide
90 <400> SEQUENCE: 6
92 Phe Asn Leu Ser His
93 1 5
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 6
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial
101 <220> FEATURE:
102 <223> OTHER INFORMATION: synthesized oligopeptide
104 <400> SEQUENCE: 7
106 Gly Gly Gly Gly Ser Gly
107 1 5
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 5
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial
115 <220> FEATURE:
116 <223> OTHER INFORMATION: synthesized oligopeptide
118 <400> SEQUENCE: 8
120 Lys Phe Ala Glu Tyr
121 1 5
124 <210> SEQ ID NO: 9
125 <211> LENGTH: 6
126 <212> TYPE: PRT
127 <213> ORGANISM: Artificial
129 <220> FEATURE:
130 <223> OTHER INFORMATION: synthesized oligopeptide
132 <400> SEQUENCE: 9
134 Cys Phe Asn Leu Ser His
135 1 5
136 1/3

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/15/2006
PATENT APPLICATION: US/10/591,990 TIME: 09:09:46

Input Set : A:\PTO.RJ.txt
Output Set: N:\CRF4\09152006\J591990.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:4,5,6,7,8,9

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/591,990

DATE: 09/15/2006

TIME: 09:09:46

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\09152006\J591990.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date